



Date: Feb 16, 2021

## Memo

To: Rachid Nouicer, INTT L2 manager

From: Russell Feder, sPHENIX Chief ME and review chair

Subject: INTT Production Readiness Review

A Production Readiness Review (PRR) for INTT components will be held March 2<sup>nd</sup>, 2021 as a virtual meeting. The purpose of the PRR is to address design updates and actions items from the FDR and approve readiness for fabrication of the INTT stave and ladder parts and assemblies.

The agenda for the INTT review and web meeting link information is posted on INDICO here: <https://indico.bnl.gov/event/10800/>

### **INTT PRR Panel**

- Russell Feder (Chair) – BNL sPHENIX engineering and integration
- Jason Bessuille – MIT Bates MVTX engineering
- David Lynn – BNL ATLAS Detector
- John Haggerty - BNL sPHENIX physics and detectors expert
- Rich Ruggiero - BNL sPHENIX engineering and integration
- Walter Sondheim – LANL MVTX engineering

This ***Production Readiness Review (PRR)*** for the INTT stave and ladder components addresses the following questions and topics:

1. **Engineering and Design** – For the items under consideration for fabrication approval are all requirements and interfaces locked and documented? Has the integration of the parts been carefully checked with other INTT components and surrounding sPHENIX components? Is the design complete, and documented in detailed assembly and parts drawings? Have the drawings been checked?
2. **Management** - Has the schedule for procurement, including internal signatures and approvals, bid duration, material procurement, and fabrication been correctly estimated? Is the schedule in-line with the sPHENIX construction schedule?
3. **Fabrication** – Have potential vendors been identified? Will assembly be required? Who will perform the assembly? What are the acceptance criteria for parts? Is this documented and part of the procurement package? Who will do the acceptance inspection and testing? Is shipping included in the procurement? Where will equipment be stored upon arrival at BNL?
4. **Quality** - What are the quality assurance requirements for this procurement? Are material certifications required? Are there intermediate inspection steps required during fabrication that will require BNL team involvement?

5. **Safety** – Have all safety requirements for assembly and testing work at BNL been satisfied and closed out? Is there an ESR approval for the INTT assembly and testing areas in building 510?

General conduct of sPHENIX PRR's is described in

<https://docdb.sphenix.bnl.gov/cgi-bin/private/ShowDocument?docid=207>